

DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **UNNATURAL REACTIVE AMINO ACID GENETIC CODE ADDITIONS** the specification of which ___ is attached hereto or x was filed on 16 April 2004 as Application No. PCT/US2004/011833.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

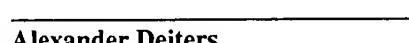
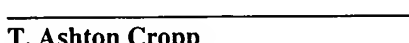
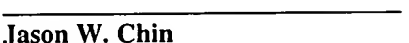
Application No.	Filing Date
60/479,931	18 June 2003
60/493,014	5 August 2003
60/496,548	19 August 2003



I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
PCT/US2004/011833	16 April 2004	Pending

Full Name of Inventor 1:	Full Name: Alexander Deiters		
Residence & Citizenship:	City: La Jolla	State/Foreign Country: California	Country of Citizenship: Germany
Post Office Address:	Post Office Address: 387 Nautilus Street, Apt. L, La Jolla, California 92037 USA		
Full Name of Inventor 2:	Full Name: T. Ashton Cropp		
Residence & Citizenship:	City: Bethesda	State/Foreign Country: Maryland	Country of Citizenship: United States
Post Office Address:	Post Office Address: 8128 Old Georgetown road, Bethesda, Maryland 20814		
Full Name of Inventor 3:	Full Name: Jason W. Chin		
Residence & Citizenship:	City: Cambridge	State/Foreign Country:	Country of Citizenship: United Kingdom
Post Office Address:	Post Office Address: 29 York Street, Cambridge, CB1 2PZ, United Kingdom		
Full Name of Inventor 4:	Full Name: J. Christopher Anderson		
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citizenship: US
Post Office Address:	Post Office Address: 124 Mason St., Apt. 401, San Francisco, California 94102 USA		
Full Name of Inventor 5:	Full Name: Peter G. Schultz		
Residence & Citizenship:	City: La Jolla	State/Foreign Country: California	Country of Citizenship: United States
Post Office Address:	Post Office Address: 1650 La Jolla Rancho Road, La Jolla, California 92037 USA		

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
		
Alexander Deiters	T. Ashton Cropp	Jason W. Chin
Date	Date	Date

Signature of Inventor 4	Signature of Inventor 5
	
J. Christopher Anderson	Peter G. Schultz
Date	Date 1/9/06

DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **UNNATURAL REACTIVE AMINO ACID GENETIC CODE ADDITIONS** the specification of which ___ is attached hereto or x was filed on 16 April 2004 as Application No. PCT/US2004/011833.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:


Application No.	Filing Date
60/479,931	18 June 2003
60/493,014	5 August 2003
60/496,548	19 August 2003

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
PCT/US2004/011833	16 April 2004	Pending

Full Name of Inventor 1:	Full Name: Alexander Deiters		
Residence & Citizenship:	City: La Jolla	State/Foreign Country: California	Country of Citizenship: Germany
Post Office Address:	Post Office Address: 387 Nautilus Street, Apt. L, La Jolla, California 92037 USA		
Full Name of Inventor 2:	Full Name: T. Ashton Cropp		
Residence & Citizenship:	City: Bethesda	State/Foreign Country: Maryland	Country of Citizenship: United States
Post Office Address:	Post Office Address: 8128 Old Georgetown road, Bethesda, Maryland 20814		
Full Name of Inventor 3:	Full Name: Jason W. Chin		
Residence & Citizenship:	City: Cambridge	State/Foreign Country:	Country of Citizenship: United Kingdom
Post Office Address:	Post Office Address: 29 York Street, Cambridge, CB1 2PZ, United Kingdom		
Full Name of Inventor 4:	Full Name: J. Christopher Anderson		
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citizenship: US
Post Office Address:	Post Office Address: 124 Mason St., Apt. 401, San Francisco, California 94102 USA		
Full Name of Inventor 5:	Full Name: Peter G. Schultz		
Residence & Citizenship:	City: La Jolla	State/Foreign Country: California	Country of Citizenship: United States
Post Office Address:	Post Office Address: 1650 La Jolla Rancho Road, La Jolla, California 92037 USA		

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 Alexander Deiters	Signature of Inventor 2  T. Ashton Cropp	Signature of Inventor 3 Jason W. Chin
Date	Date 11 Jan 2006	Date

Signature of Inventor 4 J. Christopher Anderson	Signature of Inventor 5 Peter G. Schultz
Date	Date

DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **UNNATURAL REACTIVE AMINO ACID GENETIC CODE ADDITIONS** the specification of which is attached hereto or x was filed on 16 April 2004 as Application No. PCT/US2004/011833.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

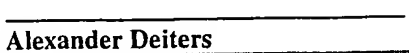
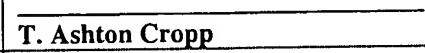
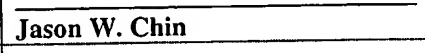
Application No.	Filing Date
60/479,931	18 June 2003
60/493,014	5 August 2003
60/496,548	19 August 2003

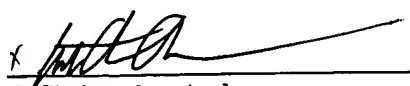
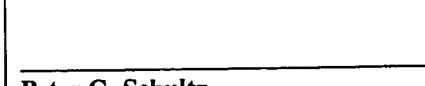
I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
PCT/US2004/011833	16 April 2004	Pending

Full Name of Inventor 1:	Full Name: Alexander Deiters		
Residence & Citizenship:	City: La Jolla	State/Foreign Country: California	Country of Citizenship: Germany
Post Office Address:	Post Office Address: 387 Nautilus Street, Apt. L, La Jolla, California 92037 USA		
Full Name of Inventor 2:	Full Name: T. Ashton Cropp		
Residence & Citizenship:	City: Bethesda	State/Foreign Country: Maryland	Country of Citizenship: United States
Post Office Address:	Post Office Address: 8128 Old Georgetown road, Bethesda, Maryland 20814		
Full Name of Inventor 3:	Full Name: Jason W. Chin		
Residence & Citizenship:	City: Cambridge	State/Foreign Country: United Kingdom	Country of Citizenship: United Kingdom
Post Office Address:	Post Office Address: 29 York Street, Cambridge, CB1 2PZ, United Kingdom		
Full Name of Inventor 4:	Full Name: J. Christopher Anderson		
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citizenship: US
Post Office Address:	Post Office Address: 124 Mason St., Apt. 401, San Francisco, California 94102 USA		
Full Name of Inventor 5:	Full Name: Peter G. Schultz		
Residence & Citizenship:	City: La Jolla	State/Foreign Country: California	Country of Citizenship: United States
Post Office Address:	Post Office Address: 1650 La Jolla Rancho Road, La Jolla, California 92037 USA		

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
		
Alexander Deiters	T. Ashton Cropp	Jason W. Chin
Date	Date	Date

Signature of Inventor 4	Signature of Inventor 5
	
J. Christopher Anderson	Peter G. Schultz
Date 1/17/06	Date

DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **UNNATURAL REACTIVE AMINO ACID GENETIC CODE ADDITIONS** the specification of which is attached hereto or x was filed on 16 April 2004 as Application No. PCT/US2004/011833.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:


Application No.	Filing Date
60/479,931	18 June 2003
60/493,014	5 August 2003
60/496,548	19 August 2003

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
PCT/US2004/011833	16 April 2004	Pending

Full Name of Inventor 1:	Full Name: Alexander Deiters		
Residence & Citizenship:	City: La Jolla	State/Foreign Country: California	Country of Citizenship: Germany
Post Office Address:	Post Office Address: 387 Nautilus Street, Apt. L, La Jolla, California 92037 USA		
Full Name of Inventor 2:	Full Name: T. Ashton Cropp		
Residence & Citizenship:	City: Bethesda	State/Foreign Country: Maryland	Country of Citizenship: United States
Post Office Address:	Post Office Address: 8128 Old Georgetown road, Bethesda, Maryland 20814		
Full Name of Inventor 3:	Full Name: Jason W. Chin		
Residence & Citizenship:	City: Cambridge	State/Foreign Country:	Country of Citizenship: United Kingdom
Post Office Address:	Post Office Address: 29 York Street, Cambridge, CB1 2PZ, United Kingdom		
Full Name of Inventor 4:	Full Name: J. Christopher Anderson		
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citizenship: US
Post Office Address:	Post Office Address: 124 Mason St., Apt. 401, San Francisco, California 94102 USA		
Full Name of Inventor 5:	Full Name: Peter G. Schultz		
Residence & Citizenship:	City: La Jolla	State/Foreign Country: California	Country of Citizenship: United States
Post Office Address:	Post Office Address: 1650 La Jolla Rancho Road, La Jolla, California 92037 USA		

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  Alexander Deiters	Signature of Inventor 2 T. Ashton Cropp	Signature of Inventor 3 Jason W. Chin
Date 2-2-06	Date	Date

Signature of Inventor 4 J. Christopher Anderson	Signature of Inventor 5 Peter G. Schultz
Date	Date

DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **UNNATURAL REACTIVE AMINO ACID GENETIC CODE ADDITIONS** the specification of which is attached hereto or x was filed on 16 April 2004 as Application No. PCT/US2004/011833.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

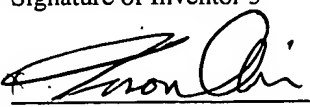
Application No.	Filing Date
60/479,931	18 June 2003
60/493,014	5 August 2003
60/496,548	19 August 2003

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
PCT/US2004/011833	16 April 2004	Pending

Full Name of Inventor 1:	Full Name: Alexander Deiters		
Residence & Citizenship:	City: La Jolla	State/Foreign Country: California	Country of Citizenship: Germany
Post Office Address:	Post Office Address: 387 Nautilus Street, Apt. L, La Jolla, California 92037 USA		
Full Name of Inventor 2:	Full Name: T. Ashton Cropp		
Residence & Citizenship:	City: Bethesda	State/Foreign Country: Maryland	Country of Citizenship: United States
Post Office Address:	Post Office Address: 8128 Old Georgetown road, Bethesda, Maryland 20814		
Full Name of Inventor 3:	Full Name: Jason W. Chin		
Residence & Citizenship:	City: Cambridge	State/Foreign Country:	Country of Citizenship: United Kingdom
Post Office Address:	Post Office Address: 29 York Street, Cambridge, CB1 2PZ, United Kingdom		
Full Name of Inventor 4:	Full Name: J. Christopher Anderson		
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citizenship: US
Post Office Address:	Post Office Address: 124 Mason St., Apt. 401, San Francisco, California 94102 USA		
Full Name of Inventor 5:	Full Name: Peter G. Schultz		
Residence & Citizenship:	City: La Jolla	State/Foreign Country: California	Country of Citizenship: United States
Post Office Address:	Post Office Address: 1650 La Jolla Rancho Road, La Jolla, California 92037 USA		

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 Alexander Deiters	Signature of Inventor 2 T. Ashton Cropp	Signature of Inventor 3  Jason W. Chin
Date	Date	Date 1 Feb 2006

Signature of Inventor 4 J. Christopher Anderson	Signature of Inventor 5 Peter G. Schultz
Date	Date

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number

Filing Date

April 16, 2004

First Named Inventor

Alexander Deiters

Title

UNNATURAL REACTIVE AMINO ACID

Art Unit

Unassigned

Examiner Name

Unassigned

Attorney Docket Number

54-000251US

I hereby appoint:



Practitioners associated with the Customer Number:

OR



Practitioner(s) named below:

**22798**

PATENT TRADEMARK OFFICE

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:



The address associated with the above-mentioned Customer Number:

OR



The address associated with Customer Number:

OR

Firm or
Individual Name

Quine Intellectual Property Law Group, P.C.

Address

P.O. Box 458

Address

City

Alameda

State

CA

Zip

94501

Country

United States

Telephone

(510) 337-7871

Fax

(510) 337-7877

I am the:



Applicant/Inventor.



Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name

Thomas Fitting, Chief Patent Counsel

Signature

Date

February 6, 2006

Telephone

858-784-2937

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.



*Total of _____ forms are submitted.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or Printed Name

Chianti Applying

Signature

Date

May 23, 2006